



Specifications:

Description	: Sub-miniature cable, 7-1-2C, to Def Stan 61-12 (Part 4)		
Conductors	: 0.055mm ² (7/0.1mm) tinned annealed copper wires to BS 6360 (as far as applicable), class 5		
	: Number of wires = 7		
	: Maximum resistance at 20°C (finished cable)		: 384Ω/km
Insulation	: Type 2 PVC compound to BS 7655-3.2 (see table 1)		
	: Minimum point radial thickness		: 0.15mm
	: Minimum diameter		: 0.65mm
	: Maximum diameter		: 0.75mm
Lay Up	: 2 cores, red and blue		
	: Polyester tape		
Screen	: Maximum diameter of Tinned Annealed wires		: 0.104mm
	: Minimum Coverage		: 91%
Sheath	: Type 6 PVC compound to BS 7655-4-2 (see table 2)		
	: Minimum point radial thickness		: 0.25mm
	: Minimum diameter		: 2.5mm
	: Maximum diameter		: 3mm
Service Data	: For local interconnection between instruments and electronic equipment		
	: Not suitable for direct connection to mains power supplies		

Conformity declaration to EU Directive 2002/95/EC (RoSH)

This Cable Does not contain :

Lead, cadmium, mercury, hexavalent chromium, PBB's and PBDE's

Please note that this declaration does not exclude irrelevant trace levels (extreme low levels) of the listed substances that may be unintentionally present.

Description	: Sub-miniature Cable, 7-1-3C, to Def Stan 61-12 (Part 4)		
Conductors	: 0.055mm ² (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, where applicable		
	: Maximum resistance (completed cable) at 20°C		: 384Ω/km
	: Type 2 PVC compound to BS 7655		
Insulation	: Minimum radial thickness		: 0.15mm
	: Minimum core diameter		: 0.65mm
	: Maximum core diameter		: 0.75mm
Lay Up	: 3 cores, red, blue and green		
	: Polyester tape		

Sub-Miniature Cable

pro-POWER

Screen	: 0.1 mm tinned annealed copper braid	
	: Minimum filling factor	: 0.7
Sheath	: Type 6 PVC compound to BS 7655	
	: Minimum radial thickness	: 0.3mm
	: Minimum overall diameter	: 2.7mm
	: Maximum overall diameter	: 3.2mm
Service Data	: For local interconnection between instruments and electronic equipment	
	: Not suitable for direct connection to mains power supplies	
	: Maximum working voltage	: 250V ACrms
	: Nominal capacitance	: core to core : 95pF/m, core to screen : 170pF/m
	: Maximum (conductor) operating temperature	: 70°C
	: Approximate mass/length	: 15.7kg/km

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present

Description	: Sub-miniature Cable, 7-1-4C, to Def Stan 61-12 (Part 4)	
Conductors	: 0.055mm ² (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, where applicable	
	: Maximum resistance (completed cable) at 20°C	: 384Ω/km
Insulation	: Type 2 PVC compound to BS 7655	
	: Minimum radial thickness	: 0.15mm
	: Minimum core diameter	: 0.65mm
	: Maximum core diameter	: 0.75mm
Lay Up	: 4 cores, red, blue, green and yellow	
	: Polyester tape	
Screen	: 0.1mm tinned annealed copper braid	
	: Minimum filling factor	: 0.7
Sheath	: Type 6 PVC compound to BS 7655	
	: Minimum radial thickness	: 0.3mm
	: Minimum overall diameter	: 2.9mm
	: Maximum overall diameter	: 3.4mm
Service Data	: For local interconnection between instruments and electronic equipment	
	: Not suitable for direct connection to mains power supplies	
	: Maximum working voltage	: 250V ACrms
	: Nominal capacitance	: core to core : 95pF/m, core to screen : 170pF/m
	: Maximum (conductor) operating temperature	: 70°C
	: Approximate mass / unit length	: 17.3kg/km

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present.

Sub-Miniature Cable

pro-POWER

Specifications:

Description	: Sub-miniature Cable, 7-1-6C, to Def Stan 61-12 (Part 4)		
Conductors	: 0.055mm ² (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, where applicable		
	: Maximum resistance (completed cable) at 20°C	:	384Ω/km
Insulation	: Type 2 PVC compound to BS 7655		
	: Minimum radial thickness	:	0.15mm
	: Minimum core diameter	:	0.65mm
	: Maximum core diameter	:	0.75mm
Lay Up	: 6 cores, (dummy centre), red, blue, green, yellow, white and black		
Screen	: Polyester tape		
	: 0.1mm tinned annealed copper braid		
Sheath	: Minimum filling factor	:	0.7
	: Type 6 PVC compound to BS 7655		
	: Minimum radial thickness	:	0.3mm
	: Minimum overall diameter	:	3.3mm
Service Data	: Maximum overall diameter	:	3.7mm
	: For local interconnection between instruments and electronic equipment		
	: Not suitable for direct connection to mains power supplies		
	: Maximum working voltage	:	250V ACrms
	: Maximum (conductor) operating temperature	:	70°C
	: Approximate mass / unit length	:	22.2kg/km

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present

Description	: Sub-miniature Cable, 7-1-9C, to Def Stan 61-12 (Part 4), a.f.a.a		
Conductors	: 0.055mm ² (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, where applicable		
	: Maximum resistance (completed cable) at 20°C	:	384Ω/km
Insulation	: Type 2 PVC compound to BS 7655		
	: Minimum radial thickness	:	0.15mm
	: Minimum core diameter	:	0.65mm
	: Maximum core diameter	:	0.75mm
Lay Up	: 9 cores, (dummy centre), red, blue, green, yellow, white, black, brown, violet and orange		
Screen	: Polyester tape		
	: 0.1mm tinned annealed copper braid		
Sheath	: Minimum filling factor	:	0.7
	: Type 6 PVC compound to BS 7655		
	: Minimum radial thickness	:	0.3mm
	: Minimum overall diameter	:	3.9mm
	: Maximum overall diameter	:	4.4mm

Sub-Miniature Cable

pro-POWER

Service Data	: For local interconnection between instruments and electronic equipment
	: Not suitable for direct connection to mains power supplies
	: Maximum working voltage : 250V ACrms
	: Maximum (conductor) operating temperature : 70°C
	: Approximate mass / unit length : 30.3kg/km

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present.

Description	: Sub-miniature Cable, 7-1-12C, to Def Stan 61-12 (Part 4)
Conductors	: 0.055mm ² (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, where applicable
	: Maximum resistance (completed cable) at 20°C : 384Ω/km
Insulation	: Type 2 PVC compound to BS 7655
	: Minimum radial thickness : 0.15mm
	: Minimum core diameter : 0.65mm
	: Maximum core diameter : 0.75mm
Lay Up	: 12 cores,
	: Centre : red, blue and green
	: Outer : yellow, white, black, brown, violet, orange, pink, turquoise and grey
	: Polyester tape
Screen	: 0.1mm tinned annealed copper wire braid
	: Minimum filling factor : 0.7 (91% coverage)
Sheath	: Type 6 PVC compound to BS 7655
	: Minimum radial thickness : 0.3mm
	: Minimum overall diameter : 4.1mm
	: Maximum overall diameter : 4.6mm
Service Data	: For local interconnection between instruments and electronic equipment
	: Not suitable for direct connection to mains power supplies
	: Maximum working voltage : 250V ACrms
	: Maximum (conductor) operating temperature : 70°C
	: Approximate mass / unit length : 32.3kg/km

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present

Description	: Sub-miniature Cable, 7-1-15C, to Def Stan 61-12 (Part 4), a.f.a.a
Conductors	: 0.055 mm ² (7 / 0.1 mm) tinned annealed copper bunch, meeting the requirements of BS 6360, class 5, where applicable
	: Maximum resistance (completed cable) at 20°C : 384Ω/km

Sub-Miniature Cable

pro-POWER

Insulation	: Type 2 PVC compound to BS 7655	
	: Minimum radial thickness	: 0.15mm
	: Minimum core diameter	: 0.65mm
	: Maximum core diameter	: 0.75mm
Lay Up	: 15 cores	
	: Centre : red, blue, green and yellow	
	: Outer : white, black, brown, violet, orange, pink, turquoise, grey, red / blue, green / red and yellow / red	
	: Polyester tape	
Screen	: 0.15mm tinned annealed copper wire braid	
	: Minimum filling factor	: 0.7 (91% coverage)
Sheath	: Type 6 PVC compound to BS 7655	
	: Minimum radial thickness	: 0.35mm
	: Minimum overall diameter	: 4.9mm
	: Maximum overall diameter	: 5.4mm
Service Data	: For local interconnection between instruments and electronic equipment	
	: Not suitable for direct connection to mains power supplies	
	: Maximum working voltage	: 250V ACrms
	: Maximum (conductor) operating temperature	: 70°C
	: Approximate mass / unit length	: 47kg/km

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present.

Description	: Sub-miniature Cable, 7-1-25C, to Def Stan 61-12 (Part 4)	
Conductors	: 0.055mm ² (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, class 5, where applicable	
	: Maximum resistance (completed cable) at 20°C	: 384Ω/km
Insulation	: Type 2 PVC compound to BS 7655	
	: Minimum radial thickness	: 0.15mm
	: Minimum core diameter	: 0.65mm
	: Maximum core diameter	: 0.75mm
Lay Up	: 25 cores,	
	: 1st layer: red, blue, green	
	: 2nd layer: yellow, white, black, brown, violet, orange, pink, turquoise	
	: 3rd layer: grey, red / blue, green / red, yellow / red, white / red, red / black, red / brown, yellow / blue, white / blue, blue / black, orange / blue, green / blue, grey / blue and yellow / green	
	: Polyester tape	
Screen	: 0.15mm tinned annealed copper wire braid	
	: Minimum filling factor	: 0.7 (91% coverage)

Sheath	: Type 6 PVC compound to BS 7655	
	: Minimum radial thickness	: 0.35mm
	: Minimum overall diameter	: 6mm
	: Maximum overall diameter	: 6.6mm
Service Data	: For local interconnection between instruments and electronic equipment	
	: Not suitable for direct connection to mains power supplies	
	: Maximum working voltage	: 250V ACrms
	: Maximum (conductor) operating temperature	: 70°C
	: Approximate mass / unit length	: 66g/km

Part Number Table

Description	Part Number
Cable, Def 7-1-2C, 2 Core, 25M	860160 25M
Cable, Def 7-1-2C, 2 Core, 100M	860160 100M
Cable, Def 7-1-3C, 3 Core, 25M	860161 25M
Cable, Def 7-1-3C, 3 Core, 100M	860161 100M
Cable, Def 7-1-4C, 4 Core, 25M	860132 25M
Cable, Def 7-1-4C, 4 Core, 100M	860132 100M
Cable, Def 7-1-6C, 6 Core, 25M	860144 25M
Cable, Def 7-1-6C, 6 Core, 100M	860144 100M
Cable, Def 7-1-9C, 9 Core, 25M	860188 25M
Cable, Def 7-1-9C, 9 Core, 100M	860188 100M
Cable, Def 7-1-12C, 12 Core, 25M	860145 25M
Cable, Def 7-1-12C, 12 Core, 100M	860145 100M
Cable, Def 7-1-15C, 15 Core, 25M	860183 25M
Cable, Def 7-1-15C, 15 Core, 100M	860183 100M
Cable, Def 7-1-25C, 25 Core, 25M	860128 25M
Cable, Def 7-1-25C, 25 Core, 100M	860128 100M

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.